

**CAST IRON**

# GLOBE STOP VALVE

**STOUT & STURDY, WORKS SMOOTHLY WITHOUT ANY OBSTRUCTION**

**DESCRIPTION :**

'WJ' Cast Iron Globe Stop Valve Straight or Right Angle Pattern Bolted Bonnet outside screw and yoke type rising stem and back seat with renewable SS (AISI-410/AISI-304) Seat and stem Flanged ends. Flanges of Valves upto 200 mm Size are as per DIN 2533, PN-16 raised face and flanges of Valves above 200 mm Size are as per DIN 2532, PN-10 raised face.

**SALIENT FEATURES :**

1. Provision of Back seat arrangement for on line replacement of gland packing when valve is fully open.
2. Minimum pressure drop due to stream lined flow throughout the body.
3. High lift to avoid obstruction in the flow way.
4. Sturdy hand wheel operation with ample grip and clear from top of Yoke.

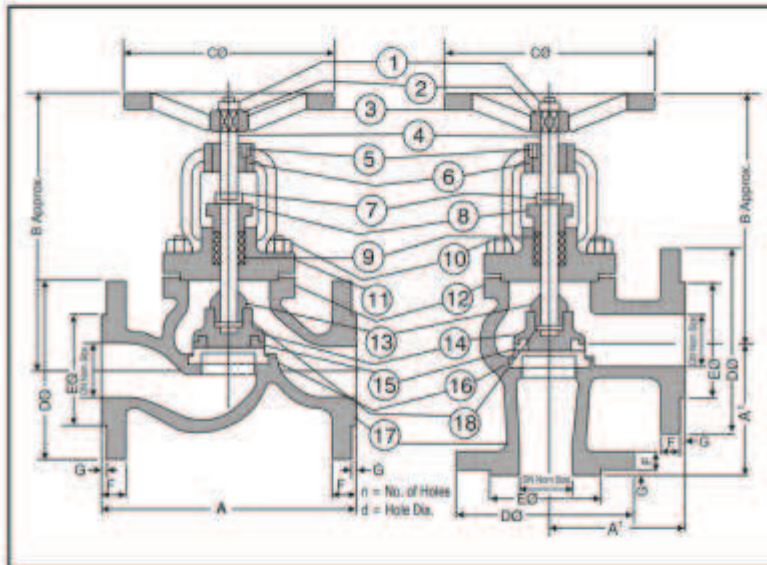
**TESTING AND CERTIFICATION :**

All valves are tested at double the max. working pressure. Each valve is supplied with IBR Test Certificate in Form III-C issued by The Director of Boilers, Punjab.



**TEST PRESSURE**

Nominal Size	Nominal Pressure (PN)	Body Test Pressure	Max. Steam Working Pressure	Max. Temp.
15mm to 200 mm	16	26 Kg/Cm <sup>2</sup>	13 Kg/Cm <sup>2</sup>	220°C
250mm to 300 mm	10	17 Kg/Cm <sup>2</sup>	8.5 Kg/Cm <sup>2</sup>	220°C



Noninal Size	DIMENSIONS							
DN	A	A'	B	C	D	E	F	G
DN 15 (1/2")	130	90	155	120	95	45	14	2
DN 20 (3/4")	150	95	160	120	105	58	16	2
DN 25 (1")	160	100	180	140	115	68	16	2
DN 32 (1 1/4")	180	105	210	140	140	78	18	2
DN 40 (1 1/2")	200	115	225	190	150	88	18	3
DN 50 (2")	230	125	255	190	165	102	20	3
DN 65 (2 1/2")	290	145	300	250	185	122	20	3
DN 80 (3")	310	155	320	250	200	138	22	3
DN 100 (4")	350	175	360	300	220	158	24	3
DN 125 (5")	400	200	425	300	250	188	26	3
DN 150 (6")	480	225	475	350	285	212	26	3
DN 200 (8")	600	275	550	400	340	268	30	3
DN 250 (10")	730	---	604	450	395	320	28	3
DN 300 (12")	850	---	650	450	445	370	28	4

**MATERIALS**

PART No.	NAME OF PART	MATERIAL	SPECIFICATION
1.	Nut for Handwheel	Carbon Steel	---
2.	Washer	Carbon Steel	---
3.	Handwheel	C.I.	IS 210 FG 200
4.	Stem	13% Cr. S.S.	AISI-410
5.	Locking Screw	Carbon Steel	---
6.	Yoke Bush	13% Cr. S.S.	AISI-410
7.	T Head Bolts and Nuts	Carbon Steel	---
8.	Gland	C.I.	IBR 86 to 93 Gr. A
9.	Packing	Graphited Asbestos	---
10.	Studs and Nuts	Carbon Steel	---
11.	Bonnet	C.I.	IBR 86 to 93 Gr. A
12.	Gasket	C.A.F.	IS-2712
13.	Disc Nut	13% Cr. S.S.	AISI-410
14.	Valve Disc	C.I.	IBR 86 to 93 Gr. A
15.	Disc Facing Ring	13% Cr. S.S.	AISI-410
16.	Body Seat Ring	13% Cr. S.S.	AISI-410
17.	Body	C.I.	IBR 86 to 93 Gr. A
18.	Stem Collar	13% Cr. S.S.	AISI-410